

REMARKS**Summary of the Office Action**

Claims 1-10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Wook (US 5,894,136) in view of Noguchi (US 6,461,901).

Claims 12-15 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Wook in view of Noguchi and Kim (US 6,355,956).

Applicant wishes to thank the Examiner for the brief comments provided in the Advisory Action dated November 30, 2004. Specifically, how use of the terms “at” and “on” are being interpreted by the Examiner in view of Wook and Kim.

Summary of the Response to the Office Action

Applicant has amended claim 1 to further define the invention, and canceled claim 15. Accordingly, claims 1-14 are pending for further consideration.

All Claims Define Allowable Subject Matter

Claims 1-10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Wook (US 5,894,136) in view of Noguchi (US 6,461,901), and claims 12-15 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Wook in view of Noguchi and Kim (US 6,355,956).

Applicant respectfully traverses these rejections as being based upon references that neither teach nor suggest the novel combination of features recited in amended independent claim 1, and hence dependent claims 2-14.

Independent claim 1, as amended, recites, an array substrate for a liquid crystal display device including “a metal layer formed on an entire surface of each of the data lines and at peripheral portions of the drain electrode to extend from the pixel electrode.” In contrast to

Applicant's claimed invention, Wook teaches depositing a chromium layer to form a data line 9, a source electrode 9a, and a drain electrode 9b. According to Wook, the pixel electrode 11 is formed on a top central portion of a drain electrode 9b, such that the pixel electrode 11 extends from a central region of the drain electrode 9b through a contact hole in the passivation layer 10. Thus, Applicant respectfully asserts that Wook fails to teach or suggest a metal layer formed "at peripheral portions of the drain electrode to extend from the pixel electrode," as recited by amended independent claim 1, and hence dependent claims 2-14.

In addition, Applicant respectfully asserts that both Kim and Noguchi are completely silent with regard to a metal layer formed on at peripheral portions of the drain electrode to extend from the pixel electrode. Accordingly, both Kim and Noguchi fail to remedy the deficiencies of Wook, as detailed above.

For at least the above reasons, Applicant respectfully submits that claims 1-14 are neither taught nor suggested by Wook, Noguchi, and/or Kim, whether taken alone or in combination. Thus, Applicant respectfully asserts that the rejections under 35 U.S.C. § 103(a) should be withdrawn because the above-discussed novel combination of features are neither taught nor suggested by any of the applied references.

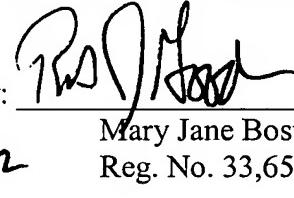
CONCLUSION

In view of the foregoing amendment and remarks, Applicant respectfully requests reconsideration and the timely allowance of the pending claims. Should the Examiner believe that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicant's undersigned representative to expedite prosecution.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

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